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HUGHES | LUCE LLP

ATTORNEYS AND COUNSELORS

BOX AF

Commissioner for Patents
Washington, D.C. 20231

DOCKET NUMBER: 8571:76 CIP

DATE: August 8, 2002

Customer No.: 22444

Applicants:
Title:

Daniel N. Miller et al.
Method and Apparatus of Asymmetric Injection
Into Subsonic Flow of a High Aspect
Ratio/Complex Geometry Nozzle

Filing Date:
Serial No.:

July 21, 2000
09/621,795

Enclosed are:

- ☒ Amendment and Response After Final, including marked-up claims (52 pages);
- ☒ Fee Transmittal sheet (+ copy);
- ☒ Appendix A, Red-lined Figures 1 through 12 on 9 pages;
- ☒ RETURN POSTCARD

The Commissioner is hereby authorized to charge any fees prescribed to Deposit Account No. 50-1343 of Hughes & Luce, L.L.P.

Respectfully submitted,
Hughes & Luce LLP

Robert A. McLauchlan
Registration No. 44,924
ATTORNEY FOR APPLICANTS

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AUG 20 2002
TECHNOLOGY CENTER R3700

Date: August 8, 2002
1717 Main Street, Suite 2800
Dallas, Texas 75201
Ph: (214) 939-5500
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CERTIFICATE OF MAILING UNDER 37 CFR § 1.8

Date of Mailing: August 8, 2002

I hereby certify that I have caused the documents indicated herein to be deposited with the United States Postal Service First Class Mail under 37 CFR § 1.8 on the date indicated above and addressed to Box AF, Commissioner for Patents, Washington, D.C. 20231 and mailed on the above Date of Mailing.

Reina R. Bernfeld
Reina R. Bernfeld

**FEE TRANSMITTAL FOR
FY 2002**

Patent Fees are subject to annual revision.

- ☐ Applicant claims small entity status.
See 37 CFR 1.27

Application Number 09/621,795
Filing Date July 21, 2000
First Named Inventor Daniel N. Miller
Examiner Name Tae Jun Kim
Group / Art Unit 3746
Attorney Docket No. 8571:76 CIP

Total Amount of Payment \$ -0-**METHOD OF PAYMENT (check all that apply)**

- ☐ Check ☐ Credit Card ☐ Money Order ☒ Other ☐ None

☒ Deposit Account:

Deposit Account No.: 50-1343

Deposit Account Name: Hughes & Luce, LLP

The Commissioner is authorized to: (check all that apply)

- ☒ Charge any fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☒ Charge fee(s) indicated below (except for the filing date) to the above identified deposit account.

FEE CALCULATION**1. Basic Filing Fee**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility Filing Fee	\$
106	330	206	165	Design Filing Fee	\$
107	510	207	255	Plant Filing Fee	\$
108	740	208	370	Reissue Filing Fee	\$
114	160	214	80	Provisional Filing Fee	\$
Subtotal (1)					\$ -0-

2. Extra Claim Fees

Claims	Extra	Fee (below)	Fee Paid
Total	34 - 44 ** = 0 x	\$ 0	= \$ -0-
Indep.	4 - 5** = 0 x	\$ 0	= \$ -0-
Multiple Dependent			\$ -0-

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
Subtotal (2)				\$ -0-

**or number previously paid, if greater. For Reissues, see below

FEE CALCULATION (continued)**3. Additional Fees**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late fee or oath	\$
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	
147	2,520	147	2,520	Request for Reexamination	\$
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	\$
113	1840*	113	1840*	Requesting publication of SIR after Examiner action	\$
115	110	215	55	Extension for reply within first month	\$
116	400	216	200	Extension for reply within second month	\$
117	920	217	460	Extension for reply within third month	\$
118	1,440	218	720	Extension for reply within fourth month	\$
128	1,960	228	980	Extension for reply within fifth month	\$
119	320	219	160	Notice of Appeal	\$
120	320	220	160	Filing a brief in support of an appeal	\$
121	280	221	140	Request for oral hearing	\$
138	1510	138	1510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	\$
141	1,280	241	640	Petition to revive - unintentional	\$
142	1,280	242	640	Utility issue fee (or reissue)	\$
143	460	243	230	Design issue fee	\$
144	620	244	310	Plant issue fee	\$
122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	Petitions related to provisional applications	\$
126	180	126	180	Submission of Information Disclosure Statement	\$
581	40	581	40	Recording each patent assignment per property (times number of properties)	\$
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	\$
179	740	279	370	Request for Continued Examination (RCE)	\$
169	900	169	900	Request for expedited examination of a design application	\$

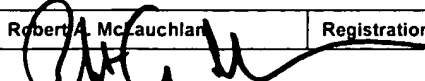
Other fee (specify): \$

* Reduced by Basic Filing Fee Paid

Subtotal (3) \$ -0-

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Robert A. McLaughlan	Registration No.	44,924	Telephone	512-482-6869
Signature		Date	August 8, 2002		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Daniel N. Miller et al.

Serial No.:

09/621,795

Filing Date:

July 21, 2000

Examiner:

Tae Jun Kim

Group Art Unit:

3746

Title:

METHOD AND APPARATUS OF ASYMMETRIC
INJECTION INTO SUBSONIC FLOW OF A HIGH
ASPECT RATIO/COMPLEX GEOMETRY NOZZLEBOX AF
Commissioner for Patents
Washington, D.C. 20231Certification Under 37 C.F.R. 1.8Date of Mailing: August 8, 2002

I hereby certify that I have caused the documents indicated below to be deposited with the United States Postal Service to Addressee under 37 CFR § 1.8 on the date indicated above and addressed to the Commissioner for Patents, Washington, D.C. 20231 and mailed on the above Date of Mailing.

Reina R. Bernfeld
Reina R. Bernfeld

**AMENDMENT AND RESPONSE AFTER FINAL
PURSUANT TO 37 CFR § 1.113**

Dear Sir:

Applicants respectfully submit their Response to the Office Action mailed May 31, 2002. In view of the following amendments and remarks, reconsideration and withdrawal of the outstanding objections and allowance of this application are respectfully requested. Alternatively, the finality of the Examiner's rejection is respectfully requested. Applicants appreciate the effort made in consideration of this amendment and response by the Examiner.

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